



Datasheet for ABIN6265339  
**anti-ELP2 antibody (Internal Region)**



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	ELP2
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELP2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human Stlp1, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	Stlp1 Antibody detects endogenous levels of total Stlp1.
Predicted Reactivity:	Pig,Bovine,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	ELP2
---------	------

## Target Details

---

Alternative Name:	ELP2 ( <a href="#">ELP2 Products</a> )
Background:	Description: Regulates the ligand-dependent activation of STAT3. Gene: ELP2
Molecular Weight:	93kDa
Gene ID:	55250
UniProt:	<a href="#">Q6IA86</a>
Pathways:	<a href="#">Stem Cell Maintenance</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Protein targeting to Nucleus</a>

## Application Details

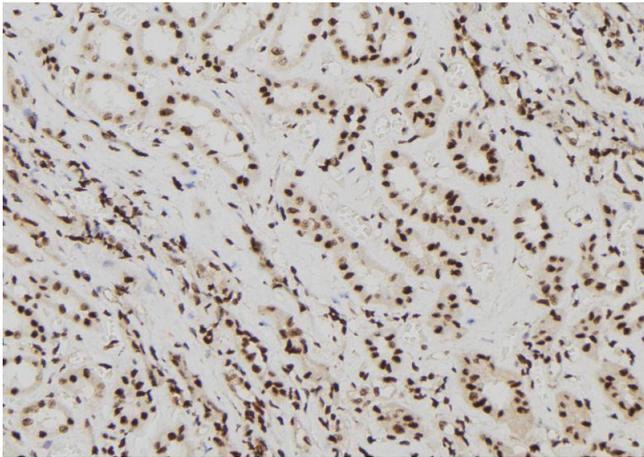
---

Application Notes:	WB 1:1000, IHC 1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

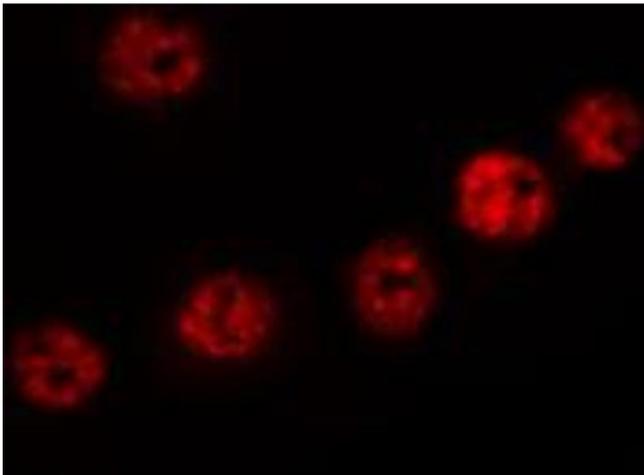
---

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



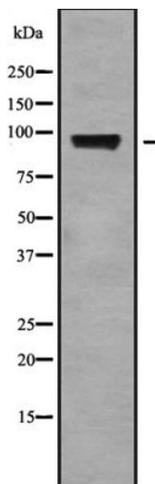
### Immunohistochemistry

**Image 1.** ABIN6272436 at 1/100 staining Human kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



### Immunofluorescence (fixed cells)

**Image 2.** ABIN6272436 staining HT29 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



### Western Blotting

**Image 3.** Western blot analysis StIp1 using HT29 whole cell lysates